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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/383,318DATE: 02/28/2000  
TIME: 16:23:41

Input Set: I383318.RAW

This Raw Listing contains the General Information  
Section and up to first 5 pages.

ENTERED

1 <110> APPLICANT: Belghuith, Karima Srih  
2 Mezghani, Monia  
3 Ellouz, Radhouane  
4 Bejar, Samir  
5 <120> TITLE OF INVENTION: Polypeptides Having Glucose Isomerase  
6 Activity and Nucleic Acids Encoding Same  
7 <130> FILE REFERENCE: 6004.200-US  
8 <140> CURRENT APPLICATION NUMBER: US/09/383,318  
9 <141> CURRENT FILING DATE: 1999-08-26  
10 <150> EARLIER APPLICATION NUMBER: 99.100  
11 <151> EARLIER FILING DATE: 1999-05-26  
12 <160> NUMBER OF SEQ ID NOS: 2  
13 <170> SOFTWARE: FastSEQ for Windows Version 3.0  
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15 <211> LENGTH: 1546  
16 <212> TYPE: DNA  
17 <213> ORGANISM: Strptomyces  
18 <400> SEQUENCE: 1  
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21 ctatgccggg cctgtggcc ccgggggtgcg gacccggccc ggcccgttcc tgcttcccg 180  
22 ttcccttccc agggacgcgc tcggcataact aatttgtaaa tcgcccgtac gaaatagtgc 240  
23 caagcgagca aggagccgcg gcatgaacta ccagcccacc cccgaggaca gtttcaccc 300  
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44 ggcccccacatcg tgctgcgtct cccggggcgcc ggtgtggggc ggcgtgc 1546

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47 <212> TYPE: PRT  
48 <213> ORGANISM: Variant  
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53 20 25 30  
54 Ala Leu Asp Pro Val Asp Val Gln Arg Leu Ala Glu Leu Gly Ala Tyr  
55 35 40 45  
56 Gly Val Thr Phe His Asp Asp Asp Leu Ile Pro Phe Gly Ala Ser Asp  
57 50 55 60  
58 Thr Glu Arg Glu Ala His Val Lys Arg Phe Arg Gln Ala Leu Asp Ala  
59 65 70 75 80  
60 Thr Gly Met Thr Val Pro Met Ala Thr Thr Asn Leu Phe Thr His Pro  
61 85 90 95  
62 Val Phe Lys Ala Gly Ala Phe Thr Ala Asn Asp Arg Ala Val Arg Arg  
63 100 105 110  
64 Tyr Ala Leu Arg Lys Thr Ile Arg Asn Ile Asp Leu Ala Val Glu Leu  
65 115 120 125  
66 Gly Ala Lys Val Tyr Val Ala Trp Gly Gly Arg Glu Gly Ala Glu Ser  
67 130 135 140  
68 Gly Ala Ala Lys Asp Val Arg Ala Ala Leu Asp Arg Met Lys Glu Ala  
69 145 150 155 160  
70 Phe Asp Leu Leu Gly Glu Tyr Val Thr Ser Gln Gly Tyr Asp Ile Arg  
71 165 170 175  
72 Phe Ala Ile Glu Pro Lys Pro Asn Glu Pro Arg Gly Asp Ile Leu Leu  
73 180 185 190  
74 Pro Thr Ile Gly His Ala Leu Ala Phe Ile Glu Arg Leu Glu Arg Pro  
75 195 200 205  
76 Glu Leu Tyr Gly Val Asn Pro Glu Val Gly His Glu Gln Met Ala Gly  
77 210 215 220  
78 Leu Asn Phe Pro His Gly Ile Ala Gln Ala Leu Trp Ala Gly Lys Leu  
79 225 230 235 240  
80 Phe His Ile Asp Leu Asn Gly Gln Ser Gly Ile Lys Tyr Asp Gln Asp  
81 245 250 255  
82 Leu Arg Phe Gly Ala Gly Asp Leu Arg Ala Ala Phe Trp Leu Val Asp  
83 260 265 270  
84 Leu Leu Glu Ser Ala Gly Trp Glu Gly Pro Arg His Phe Asp Phe Lys  
85 275 280 285  
86 Pro Pro Arg Thr Glu Asp Ile Asp Gly Val Trp Ala Ser Ala Ala Gly  
87 290 295 300  
88 Cys Met Arg Asn Tyr Leu Ile Leu Lys Glu Arg Ala Ala Ala Phe Arg  
89 305 310 315 320  
90 Ala Asp Pro Glu Val Gln Glu Ala Leu Arg Ala Ala Arg Leu Asp Gln  
91 325 330 335  
92 Leu Ala Glu Pro Thr Ala Ala Asp Gly Leu Gln Ala Leu Leu Ala Asp  
93 340 345 350  
94 Arg Thr Ala Tyr Glu Asp Phe Asp Val Asp Ala Ala Arg Gly Met

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96 Ala Phe Glu Arg Leu Asp Gln Leu Ala Met Asp His Leu Leu Gly Ala  
97 370 375 380  
98 Arg Gly  
99 385

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**VERIFICATION SUMMARY**  
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Line ? Error/Warning

Original Text

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